

MINUTES OF THE  
MARICOPA ASSOCIATION OF GOVERNMENTS  
WATER QUALITY ADVISORY COMMITTEE MEETING

Tuesday, December 13, 2005  
MAG Office Building  
Phoenix, Arizona

MEMBERS ATTENDING

Roger Klingler, Scottsdale, Chair  
Avondale: Greg Stack  
Buckeye: Lucky Roberts  
#Chandler: Jacqueline Strong  
\*El Mirage: Michael Salisbury  
\*Gilbert: Lonnie Frost  
Glendale: Chris Ochs  
Goodyear: David Iwanski  
#Mesa: Bill Haney  
\*Peoria: Stephen Bontrager

\*Phoenix: Robert Hollander  
Surprise: Rich Williams Sr.  
Tempe: David McNeil  
Maricopa County: Dale Bodiya for John Power  
Pinnacle West Capital: John Boyer  
\*Salt River Project: Ray Hedrick  
\*U of A Cooperative Extension: Patrick Clay  
Citizen Representative: Eugene Jensen

\*Those members neither present nor represented by proxy.  
#Attended by telephone conference call.

OTHERS PRESENT

Kennedy/Jenks: Ron Frey  
Lennar: Matt Cox  
CSA Engineering: Peter Chan  
Pulte Homes: John Dannan  
Beus Gilbert: Paul Gilbert  
Beus Gilbert: Felipe Zubia  
JF Properties: Jim Condit

Citizen: Dianne Barker  
RBF Consulting: Michael Worlton  
Glennie Reporting Services: Janet Hauck  
Maricopa Association of Governments:  
Julie Hoffman  
Maricopa Association of Governments: Ann Wimmer

1. Call to Order

A meeting of the MAG Water Quality Advisory Committee was conducted on Tuesday, December 13, 2005. Roger Klingler, City of Scottsdale, Chair, called the meeting to order at 3:06 p.m. Jacqueline Strong, City of Chandler, and Bill Haney, City of Mesa, attended the meeting via telephone conference call. Chair Klingler stated that Robert Hollander from the City of Phoenix was unable to attend the meeting, but has provided written comments for agenda item number seven. In addition, the addendum to the agenda, item number eight, has been provided at each place.

2. Agenda Announcements

Chair Klingler provided an opportunity for member agencies to report on activities of interest in their agencies.

3. Call to the Audience

Chair Klingler provided an opportunity for members of the public to address the Committee on items not scheduled on the agenda that fall under the jurisdiction of MAG or items on the agenda for discussion but not for action. No members of the public indicated that they wished to address the Committee.

4. Approval of the October 12, 2005 Meeting Minutes

The Committee reviewed the draft minutes from the October 12, 2005 meeting. Dale Bodiya, Maricopa County, moved and Chris Ochs, City of Glendale, seconded, and the motion to approve the October 12, 2005 meeting minutes carried unanimously.

5. Public Hearing - Draft MAG 208 Water Quality Management Plan Amendment for the Expansion of the Town of Buckeye Sundance Wastewater Treatment Plant

Chair Klingler opened the Public Hearing on the Draft MAG 208 Water Quality Management Plan Amendment for the Expansion of the Town of Buckeye Sundance Wastewater Treatment Plant. He indicated that the hearing would begin with a briefing on the project, followed by an opportunity for hearing participants to make comments on the draft 208 plan amendment for the public record. He added that a Court Reporter was present to provide an official record of the hearing and written comments are also welcome. Chair Klingler invited members of the public wishing to provide comment to fill out a yellow card and submit it to MAG staff.

Michael Worlton, RBF Consulting, provided a briefing on the Draft MAG 208 Water Quality Management Plan Amendment for the Expansion of the Town of Buckeye Sundance Wastewater Treatment Plant. The plant is identified in the current MAG 208 Plan for a capacity of 3.6 million gallons per day (mgd). The expansion would increase ultimate capacity to 8.9 mgd. Mr. Worlton described the difference between the existing and expanded service areas for the Sundance Wastewater Treatment Plant. In addition, he discussed the proposed site plan and the treatment schematic of the plant. He provided a summary of the treatment process, and mentioned that reclaimed water from the expanded facility would be disposed of through reuse, recharge, and an Arizona Pollutant Discharge Elimination System (AZPDES) Permit discharge to the Buckeye Water Conservation and Drainage District (BWCCD) Canal.

Chair Klingler provided an opportunity for Committee questions regarding the project. He also stated that members of the public wishing to speak should fill out a card and submit it to MAG staff. He noted that no public comment cards had been received. Chair Klingler closed the public hearing and requested that the Court Reporter end the transcription.

6. Draft MAG 208 Water Quality Management Plan Amendment for the Expansion of the Town of Buckeye Sundance Wastewater Treatment Plant

Chair Klingler provided an opportunity for questions from the Committee and indicated that the Committee is requested to recommend approval of the Draft MAG 208 Water Quality Management Plan Amendment for the Expansion of the Town of Buckeye Sundance Wastewater Treatment Plant. Rich Williams, City of Surprise, moved to recommend approval of the Draft Buckeye 208

Amendment. Greg Stack, City of Avondale, seconded and it was unanimously passed through a roll call vote by the Committee.

7. Draft MAG 208 Water Quality Management Plan Amendment for the Town of Buckeye Trillium West Wastewater Treatment Facility

Paul Gilbert, Beus Gilbert, gave an overview of the Draft MAG 208 Water Quality Management Plan Amendment for the Town of Buckeye Trillium West Wastewater Treatment Facility (WWTF). He indicated that financing for the design, build, and start-up operation and maintenance of the facility would be provided by JF Properties, and ownership of the facility would be transferred to the Town of Buckeye. Mr. Gilbert discussed the size and location of the Trillium West Development and stated that the Trillium West Wastewater Treatment Facility would be the first phase of a 20 year regional solution within the Sun Valley Community Plan. He added that additional land at the Trillium West Wastewater Treatment Facility site is available in the event the Trillium West Facility becomes a regional plant. By 2026, estimated population of the Trillium Project Service Area will be approximately 25,500. Mr. Gilbert stated that the Trillium West WWTF would be designed in phases capable of expanding to accommodate the ultimate build-out of the service area. Expansion to regional capacity may require installation of recharge wells to make room for additional treatment capacity.

Mr. Gilbert discussed the Trillium West WWTF site selection and mentioned that primary effluent disposal would be onsite groundwater recharge and reuse for irrigation of landscape and parks. Secondary disposal for the facility would be an AZPDES Permit discharge into the Wagner Wash.

Peter Chan, CSA Engineering, presented the facility design for the Trillium West WWTF. He indicated that Phase 1 would be a Sequential Batch Reactor (SBR) System. For Phases 2, 3, and 4, the SBR System would be converted to a Modified Ludzack-Ettinger (MLE) Process. He added that effluent from the facility would meet ADEQ Title 18 Class A+ Effluent Standards and sludge would meet EPA Class B biosolids.

Mr. Gilbert discussed the anticipated project schedule for the design, construction, and start-up of the plant. He indicated that Mr. Chan would address the two written comments provided by Mr. Hollander. Mr. Chan stated that both comments pertain to the construction stormwater permit. He indicated that the Notice of Intent will be submitted to the Arizona Department of Environmental Quality prior to grading.

Chair Klingler inquired about the 100 year water supply. Mr. Gilbert replied that the source of the water supply will be groundwater from on-site wells. Chair Klingler asked for clarification on Phase 2 of the Trillium West Wastewater Treatment Facility. Mr. Chan responded that Phase 1 would be a SBR System. In Phase 2, a second train would be built that would be a MLE Process. Mr. Gilbert stated that the facility site has the ability to expand to include areas outside the Trillium West Service Area.

Mr. Bodiya commented that the Draft Buckeye 208 Amendment that Maricopa County reviewed was dated September 2005. The document is now dated December 2005. He asked what changes were made to the revised draft. Mr. Chan responded that most of the changes pertain to regionalization of the Trillium West WWTF. Mr. Bodiya asked if 2.8 mgd is the ultimate capacity for the regional

facility. Mr. Chan responded that 2.8 mgd is just for the Trillium West Service Area. However, there is enough land on the site to treat additional flows from areas outside the Trillium West Development. Mr. Bodiya asked what the ultimate capacity would be for the regional facility. Mr. Chan responded 11 mgd. Mr. Bodiya requested that the ultimate capacity for the regional facility be documented in the Draft Buckeye 208 Plan Amendment.

Chair Klingler asked if the Town of Buckeye has a regional wastewater plan. Lucky Roberts, Town of Buckeye, mentioned the existing and proposed wastewater treatment plants within the Buckeye Municipal Planning Area. Mr. Gilbert added that two wastewater treatment facilities have been eliminated in the area to provide for a regional solution.

Chair Klingler requested a motion to authorize that a public hearing be conducted on the Draft MAG 208 Water Quality Management Plan Amendment for the Town of Buckeye Trillium West Wastewater Treatment Facility. Mr. Ochs moved and David McNeil, City of Tempe, seconded, and the motion was unanimously passed through a roll call vote by the Committee.

8. Draft MAG 208 Water Quality Management Plan Amendment for the Town of Buckeye Palo Verde Road Wastewater Treatment Plant Arizona Pollutant Discharge Elimination System Permit Discharge to the Roosevelt Irrigation District Canal

Ron Frey, Kennedy/Jenks Consultants, provided an overview of the Draft MAG 208 Water Quality Management Plan Amendment for the Town of Buckeye Palo Verde Road Wastewater Treatment Plant Arizona Pollutant Discharge Elimination System Permit Discharge to the Roosevelt Irrigation District Canal. The facility is identified in the current MAG 208 Plan with an ultimate capacity of 10.2 million gallons per day and reclaimed water being disposed of through reuse, recharge, and AZPDES Permit discharges to the Buckeye Water Conservation and Drainage District Canal for reuse and the Hassayampa River. This amendment would identify an additional AZPDES Permit discharge for the Palo Verde Road Wastewater Treatment Plant to accommodate future effluent discharges into the Roosevelt Irrigation District (RID) Canal for reuse. Mr. McNeil inquired if the RID Canal is a “Water of the United States”. Mr. Frey responded that the RID Canal was determined to be a “Water of the United States.”

Chair Klingler requested a motion to authorize that a public hearing be conducted on the Draft MAG 208 Water Quality Management Plan Amendment for the Town of Buckeye Palo Verde Road Wastewater Treatment Plant Arizona Pollutant Discharge Elimination System Permit Discharge to the Roosevelt Irrigation District Canal. Mr. Bodiya moved and Mr. Stack seconded, and the motion was unanimously passed through a roll call vote by the Committee.

Chair Klingler thanked the Committee for participating and called for adjournment of the meeting.